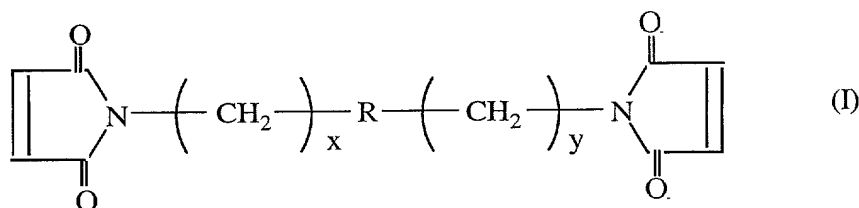


What is claimed is:

1. A tire using a rubber-steel cord composite of a steel cord and a rubber composition wherein the rubber composition comprises at least one rubber ingredient selected from natural rubber and synthetic diene rubbers, and a bismaleimide compound, an amount of the bismaleimide compound being compounded of 0.1-5 parts by weight based on 100 parts by weight of the rubber ingredient.
2. A tire according to claim 1, wherein the rubber composition is further compounded with a trans-polybutadiene in an amount of 0.1-15 parts by weight based on 100 parts by weight of the rubber ingredient.
3. A tire according to claim 1, wherein the rubber ingredient contains not less than 50% by weight of natural rubber.
4. A tire according to claim 1, wherein the bismaleimide compound is represented by the following general formula (I):



wherein R is an aromatic group having a carbon number of 6-18 or an alkylaromatic group having a carbon number of 7-24, and x and y are an integer of 0 to 3, respectively.

5. A tire according to claim 1, wherein the steel cord is a brass-plated monofilament steel cord comprising one steel filament containing at least one of cobalt atom and nickel atom in a surface layer region ranging from a surface of a steel filament plated with a brass up to a depth of 15 mm inward in a radial direction of the filament and having a surface copper concentration of 15-45 atomic%, or a multifilament steel cord obtained by twisting a plurality of the above steel filaments.
6. A tire according to claim 5, wherein a total amount of cobalt atom and nickel atom contained in the surface layer region is not less than 0.1 atomic% but not more than a content of copper atom.
7. A tire according to claim 6, wherein the total amount of cobalt atom and nickel atom contained in the surface layer region is 0.5-5.0 atomic%.

8. A tire according to claim 5, wherein cobalt atom and nickel atom not contained as an oxide in the surface layer region is not less than 50 atomic% of the total amount of cobalt atom and nickel atom contained in the surface layer region.

9. A tire according to claim 1, wherein an average thickness of the plated brass is 0.13-0.30 μm .

10. A tire according to claim 1, wherein a diameter of the steel filament is not more than 0.40 mm.

090314-10001
10301-12433650